

--44. (amended) A method of diagnosing or evaluating human cancer in a patient comprising:

measuring the level of amplification or expression of a MAC117 gene in a sample from said patient,

the presence of amplification or increased expression of said MAC117 gene indicating the presence of cancer caused by amplification or increased expression of said MAC117 gene.--

--61. (new) A method of classifying cancers comprising:

measuring the level of amplification or expression of a MAC117 gene in a sample from a patient, and

classifying those cancers having amplification or increased expression of said MAC117 gene as caused by the amplification or increased expression.--

--62. (new) A method of determining the progression of a tumor to a more malignant phenotype comprising measuring the level of amplification or expression of a MAC117 gene in the tumor, the presence of amplification or increased expression indicating a more malignant phenotype.--